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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Examiner: N/A

**Rajiv R. Singh  
Hang T. Pham  
David P. Wilson  
Raymond H. Thomas**

Group Art Unit: N/A

Application No.: 10/826,597

Attorney Docket No. H0007523-4510

Filed: April 16, 2004

For: **Azeotrope-Like Compositions of Tetrafluoropropene and  
Pentafluoropropene**

CERTIFICATE OF MAILING

I hereby certify that this correspondence, along with any other papers indicated as being enclosed, is being deposited with the United States Postal Service, postage prepaid, as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 14, 2004.

*Lois Shatz*  
Lois Shatz

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST TO CORRECT  
INVENTORSHIP PURSUANT TO 37 CFR § 1.48(a)**

Sir:

1. Applicants petition to add the following inventor, omitted by error, as an inventor to this application: **David Nalewajek**.

2. Attached hereto is a Declaration of the added inventor, David Nalewajek, stating that the error in inventorship occurred without deceptive intent on his part.

3. Attached hereto is a combined Declaration/Power of Attorney signed by the actual inventors pursuant to 35 C.F.R. §§ 1.42 and 1.63.

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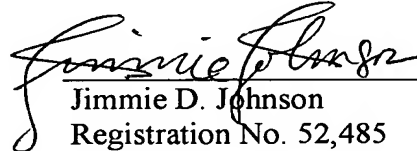
4. Also attached hereto is a Written Consent to the Correction of Inventorship which has been signed by the assignee.

5. Additionally, an Assignment executed by David Nalewajek is enclosed.

6. The fee for this request to correct inventorship pursuant to 37 CFR § 1.48(a) is \$130.00 (37 CFR § 1.17(i)). Additionally, the fee for recording an assignment is \$40.00. A check in the amount of \$130.00 to cover the correction of inventorship and a check for \$40.00 to record the assignment fee are enclosed.

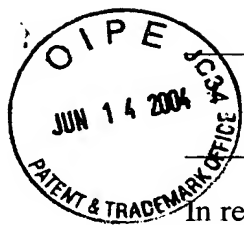
Please charge Account No. 19-5425 for any fee deficiency. A duplicate of this page is enclosed.

Date: June 11, 2004

  
Jimmie D. Johnson  
Registration No. 52,485

**Send All Correspondence To:**

**Colleen Szuch, Esquire  
Honeywell International Inc.  
101 Columbia Road  
P. O. Box 2245  
Morristown, NJ 07962**



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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**DECLARATION OF DAVID NALEWAJEK  
IN SUPPORT OF THE PETITION TO CORRECT  
INVENTORSHIP PURSUANT TO 37 CFR § 1.48(a)**

Sir:

I hereby declare that:

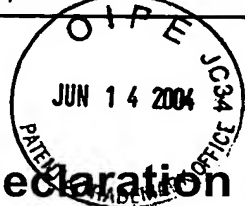
1. I am aware that a non-provisional U.S. Patent Application entitled "Azeotrope-like Compositions of Tetrafluoropropene and Pentafluoropropene" was filed on April 16, 2004 in the names of Rajiv R. Singh, Hang T. Pham, David P. Wilson, and Raymond H. Thomas, as co-inventors.
2. I have reviewed the aforementioned application, including the claims thereof.

3. I believe that I am a co-inventor of the subject matter of at least one claim of the aforementioned application.

4. The error in omitting my name as an inventor in the aforementioned application occurred without deceptive intent on my part.

Dated: May 20, 2004

  
David Nalewajek



Docket No.  
H0007523-4510

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**AZEOTROPE-LIKE COMPOSITIONS OF PENTAFLUOROPROPENE AND PENTAFLUOROPROPENE**

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on April 16, 2004 as United States Application No. or PCT International

Application Number 10/826,597

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status)  
(patented, pending, abandoned)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status)  
(patented, pending, abandoned)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status)  
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Colleen D. Szuch Reg. No. 32,126  
 Deborah M. Chess Reg. No. 44,611  
 Scott D. Jacobson Reg. No. 42,689  
 Jimmie D. Johnson Reg. No. 52,485  
 Peter J. Butch III Reg. No. 32,203  
 John A. Chionchio Reg. No. 40,954  
 Christopher P. Dahling Reg. No. 51,140  
 Stephen J. Driscoll Reg. No. 37,564  
 H. Eric Fischer Reg. No. 46,010  
 Brett T. Freeman Reg. No. 46,709  
 Gary A. Hecht Reg. No. 36,826

Patrick J. Kelly Reg. No. 34,638  
 Lisa B. Lane Reg. No. 38,217  
 Charles H. Lindrooth Reg. No. 20,659  
 Peter D. Mlynek Reg. No. 47,802  
 Theodore Naccarella Reg. No. 33,023  
 Joseph P. Posillico Reg. No. 32,290  
 Mark D. Simpson Reg. No. 32,942  
 Joshua R. Slavitt Reg. No. 40,816  
 Jimmie D. Johnson Reg. No. 52,485  
 Gene J. Yao Reg. No. 47,193  
 Jonathan M. Dermott Reg. No.

Send Correspondence to:

Colleen D. Szuch  
 Honeywell International, Inc.  
 101 Columbia Road, Building Meyer 5, Morristown, NJ 07962-2245

Direct Telephone Calls to: *(name and telephone number)*

Colleen D. Szuch 973-455-2857

|  |
|--|
| Full name of sole or first inventor<br><b>Rajiv R. Singh</b>                         |
| Sole or first inventor's signature<br><i>Rajiv R. Singh</i> Date<br><b>5/19/2004</b> |
| Residence<br><b>18 Foxfire Drive, Getzville, NY 14068</b>                            |
| Citizenship<br><b>USA</b>  |
| Post Office Address<br><b>Same as Residence</b>                                      |
|  |

|  |
|--|
| Full name of second inventor, if any<br><b>Hang T. Pham</b>                    |
| Second inventor's signature<br><i>Hang Thanh Pham</i> Date<br><b>5/19/2004</b> |
| Residence<br><b>136 Larkspur Lane, Amherst, NY 14228</b>                       |
| Citizenship<br><b>USA</b>  |
| Post Office Address<br><b>Same as Residence</b>                                |
|  |

|   |                             |
|---|-----------------------------|
| Full name of third inventor, if any<br><b>David P. Wilson</b> | <i>May 19, 2004</i><br>Date |
| Third inventor's signature<br><i>David P. Wilson</i>          |                             |
| Residence<br><b>118 Waxwing Court, East Amherst, NY 14051</b> |                             |
| Citizenship<br><b>USA</b>                                     |                             |
| Post Office Address<br><b>Same as Residence</b>               |                             |
|   |                             |

|  |                             |
|--|-----------------------------|
| Full name of fourth inventor, if any<br><b>Raymond H. Thomas</b> | <i>May 19, 2004</i><br>Date |
| Fourth inventor's signature<br><i>Raymond H. Thomas</i>          |                             |
| Residence<br><b>5990 Hopi Court, Pendleton, NY 14094</b>         |                             |
| Citizenship<br><b>USA</b>  |                             |
| Post Office Address<br><b>Same as Residence</b>                  |                             |
|  |                             |

|  |                             |
|--|-----------------------------|
| Full name of fifth inventor, if any<br><b>David Nalewajek,</b> | <i>May 20, 2004</i><br>Date |
| Fifth inventor's signature<br><i>David Nalewajek</i>           |                             |
| Residence<br><b>22 Cedar Court, West Seneca, NY 14221</b>      |                             |
| Citizenship<br><b>USA</b>                                      |                             |
| Post Office Address<br><b>Same as Residence</b>                |                             |
|  |                             |

|                                     |      |
|-------------------------------------|------|
| Full name of sixth inventor, if any |      |
| Sixth inventor's signature          | Date |
| Residence                           |      |
| Citizenship                         |      |
| Post Office Address                 |      |
|                                     |      |





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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**WRITTEN CONSENT OF ASSIGNEE  
TO CORRECTION OF INVENTORSHIP**

Sir:

1. Honeywell International, Inc., a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the assignee, states that it is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventors, of the above-identified patent application, to the current assignee as shown in the Assignment from Rajiv R. Singh, Hang T. Pham, David P. Wilson, and Raymond H. Thomas filed on April 16, 2004 along with the above-identified application (a copy of the assignment is attached hereto).

2. Assignee hereby consents to the correction of inventorship in this matter to add the inventor David Nalewajek.

3. The undersigned is empowered to sign this statement on behalf of the assignee.

Date

5/12/04

Signature

A handwritten signature in black ink, appearing to be 'CS', written over a horizontal line.

Colleen Szuch  
Chief Intellectual Property Counsel  
Specialty Chemicals

## ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File

H0007523-4510

WHEREAS,

Rajiv R. Singh, Hang T. Pham, David P. Wilson and Raymond H. Thomas

(hereinafter "Assignor") have invented certain new and useful improvements in

**Azeotrope Like Compositions Of Tetrafluoropropene and Pentafluoropropene**

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc. a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morris Township, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

16 day of April, 20 04  
*Rajiv R. Singh*  
 Rajiv R. Singh

STATE OF

New York

COUNTY OF

Erie

On this 16th day of April, 20 04 before me personally appeared

to me known and known to me the individual  
 and NOTARY PUBLIC, STATE OF NEW YORK  
 NO 0180683517

Described in and who executed the foregoing instrument,

He Executed the same.

[SEAL]

CERTIFIED IN ERIE COUNTY

MY COMMISSION EXPIRES 12/30/2006

*Mary J. Bokx*  
 Mary J. Bokx

Notary Public

My commission expires: 2006

Page 2 - (H0007523-4510)

IN TESTIMONY WHEREOF, I have hereunto set my hand this

16<sup>th</sup>

day of

April

, 20 04

Hang T. Pham

STATE OF

New York

)

COUNTY OF

Eric

) ss.:

)

On this 16<sup>th</sup> day of

April

, 20 04

before me personally appeared

to me known and **MARY J BOHN** the individualand **NOTARY PUBLIC, STATE OF NEW YORK** that

NO 01B06085517

[SEAL]

CERTIFIED IN ERIE COUNTY

MY COMMISSION EXPIRES 12/30/2006

Described in and who executed the foregoing instrument,

He

Executed the same.

Mary J. Bohn

Notary Public

My commission expires: 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this

16<sup>th</sup>

day of

April

, 20 04

David P. Wilson

STATE OF

New York

)

COUNTY OF

Eric

) ss.:

)

On this 16<sup>th</sup> day of

April

, 20 04

before me personally appeared

to me known and **MARY J BOHN** the individualand **NOTARY PUBLIC, STATE OF NEW YORK** that

NO 01B06085517

[SEAL]

CERTIFIED IN ERIE COUNTY

MY COMMISSION EXPIRES 12/30/2006

Described in and who executed the foregoing instrument,

He

Executed the same.

Mary J. Bohn

Notary Public

My commission expires: 2006

IN TESTIMONY WHEREOF, I have hereunto set my hand this

16<sup>th</sup>

day of

April

, 20 04

Raymond H. Thomas

STATE OF

New York

)

COUNTY OF

Eric

) ss.:

)

On this 16<sup>th</sup> day of

April

, 20 04

before me personally appeared

to me known and **MARY J BOHN** the individualand **NOTARY PUBLIC, STATE OF NEW YORK** that

NO 01B06085517

[SEAL]

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Mary J. Bohn

Notary Public

My commission expires: 2006